TŘANSMITTAL OI (U	TRANSMITTAL OF INFORMATION DISCLOSURE STATEMEN 1 (Under 37 CFR 1.97(b) or 1.97(c)) Docket No. 1950A1							
: In Re Application Of: A	anil Kumar; Peter C. Foller							
Serial No.	Filing Date	Examiner	Group Art Unit					
10/757,267	01/14/2004	Not Assigned						
Title: POLARIZING DE	EVICES AND METHODS OF MA	AKING THE SAME						
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	Commiss P.C	oddress to: sioner for Patents D. Box 1450 ia, VA 22313-1450						
	37 (CFR 1.97(b)						
of a national ap three months of application; befo	plication other than a continued the date of entry of the nationa are the mailing of a first Office Ad	therewith is being filed within three prosecution application under 37 stage as set forth in 37 CFR 1.49 tion on the merits, or before the maximination under 37 CFR 1.114.	CFR 1.53(d); within 1 in an international					
	37 (CFR 1.97(c)	·					
CFR 1.97(b), pr Final Action un	ovided that the Information Dis-	d herewith is being filed after the p closure Statement is filed before the filed before th	he mailing date of a					
☐ the stater	nent specified in 37 CFR 1.97(e));						
	OR							
the fee set forth in 37 CFR 1.17(p).								
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	TRANSMITTAL OF INFORMATION DISCLOSURE STATEMEN' (Under 37 CFR 1.97(b) or 1.97(c)) Docket No. 1950A1						
In Re Application: A	Anil Kumar; Peter C. Foller						
Serial No.	Filing Date Examiner Group Art Unit						
10/757,267	01/14/2004	Not Assigned					
POLARIZING DE	EVICES AND METHODS OF MA	AKING THE SAME					
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		ects to pay the fee set forth in 37 CFR 1.	17(p))				
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account is being facsi Patent and Trademark	nent and authorization to charge depositimile transmitted to the United States Office (F:	as first class man unuer or addressed to the Commissioner 1450, Alexandria, VA 22313-14	r for Patents, P.O. Box				
	Signature	Signature of Person Ma					
		Nadine M. Kennelly					
Typed or Printed	Name of Person Signing Certificate	Typed or Printed Name of Pers	on Mailing Certificate				
(727)	ay only be used if paying by The Color Signature	Dated: February 9, 2004					
cc:		·					

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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	Con	nplete if Known
Substitute for form 1449A/PTO	Application Number	10/757,267
	Filing Date	January 14, 2004
INFORMATION DISCLOSURE	First Named Inventor	Kumar et al.
STATEMENT BY APPLICANT	Art Unit	
	Examiner Name	Not Assigned
(use as many sheets as necessary)		
Sheet 1 of 4	Attorney Docket Number	1905A1

		U.	S. PATENT DO	CUMENIS	. <u> </u>
Examiner Cite No.1	Cito	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
		Number - Kind Code ² (il known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		3,361,706	01-02-1968	Meriwether et al.	
		4,166,043	08-28-1979	Uhlmann et al.	
	†	4,367,170	01-04-1983	Uhimann et al.	
		4,279,474	07-21-1981	Belgorod	
	1	4,556,605	12-03-1985	Mogami et al.	·
		4,756,973	07-12-1988	Sakagami et al.	
		4,873,026	10-10-1989	Behre et al.	
		4,873,029	10-10-1989	Blum	
		4,931,220	06-05-1990	Haynes et al.	
		5,130,353	07-14-1992	Fischer et al.	
		5,185,390	02-09-1993	Fischer et al.	
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	1	5,602,661	2-11-1997	Schadt et al.	
	1	5,645,767	07-08-1997	Van Gemert	
	1	5,658,501	08-19-1997	Kumar et al.	
	1	5,698,141	12-16-1997	Kumar	

		FUREIGN	PATENT DOC	UMENIS		
Examiner Cite No.1		Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τ٥
		WO 89/11674	11-30-1989	Plessey Overseas Limited		
		WO 00/77559	12-21-2000	PPG Industries, Inc.		\mathbf{L}
		WO 01/02449	01-11-2001	PPG Industries, Inc.		
		WO 01/55960	8-2-2001	Rolic AG		
		WO 02/29489	4-11-2002	Alphamicron, Inc.		
		WO 02/058921	8-1-2002	Alcat, Incorporated	·	
		WO 03/019270	3-6-2003	Kim, Su-Jin		\mathbf{I}
		EP 1 203 967 A1	5-8-2002	Rolic AG		$oxed{\Box}$

Examiner	Date
Signature	Considered
Olgribiolo	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Sheet 2 of 4	Attorney Docket Number	1905A1

		U.	S. PATENT DO	CUMENTS	
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number - Kind Code ² (if known) MM-DD-YYYY Applicant of Cited Do	Applicant of Cited Document	Figures Appear	
		5,723,072	03-03-1998	Kumar	
		5,746,949	5-5-1998	Shen et al.	
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		6,060,001	05-09-2000	Welch et al.	
		6,113,814	09-05-2000	Gemert et al.	
		6,150,430	11-21-2000	Walters et al.	
		6,153,126	11-28-2000	Kumar	
		6.187,444	02-13-2001	Bowles, III et al.	
		6,239,778	5-29-2001	Palffy-Muhoray et al.	
		6.245,399	6-12-2001	Sahouani et al.	
		6.268,055	07-31-2001	Walters et al.	
	-	6.338.808	1-15-2002	Kawata et al.	
	1	6,432,544	08-13-2002	Stewart et al.	
		6,433,043	08-13-2002	Misura et al.	
	1				

	FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,		
Examiner Initials*	Cite No.'	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	₽°	
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				Con	nplete if Known
Substitute for f	Substitute for form 1449A/PTO		Application Number	10/757,267	
				Filing Date	January 14, 2004
INFOR	MATION I	DISCLO	SURE	First Named Inventor	Kumar et al.
STATE	EMENT BY	APPLIC	CANT	Art Unit	
				Examiner Name	Not Assigned
(use as	s many shee	ts as nece	ssary)		
Sheet	3	of	4	Attorney Docket Number	1905A1

		U.	S. PATENT DO	CUMENTS .	
Examiner	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	Number - Kind Code ² (if known)	Applicant of Cital Document	Figures Appear		
		6,436,525	08-20-2002	Welch et al.	
		6,506,488	01-14-2003	Stewart et al.	
		6,531,076	03-11-2003	Crano et al.	
		6,555,028	04-29-2003	Walters et al.	
		6,597,422	7-22-2003	Fünfschilling et al.	
		6,602,603	08-05-2003	Welch et al.	
		US2002/0039627 A1	04-04-2002	Ichihashi et al.	
	1	US2002/0167639 A1	11-14-2002	Coates et al.	
		US2003/0045612 A1	03-06-2003	Misura et al.	
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		FOREIGN I	PATENT DOC	JMENTS		
	<u> </u>	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	П
Examiner Initials*	Cite No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	۲
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Examiner Date Considered				
	Examiner		Date	
	Signature	•••	Considered	

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				Complete if Known		
Substitute for form 1449A/PTO				Application Number	10/757267	
				Filing Date	January 14, 2004	
INFOR	RMATION DIS	CLO	SURE	First Named Inventor	Kumar et al.	
STAT	EMENT BY A	PPLI	CANT	Art Unit .		
(use a	s many sheets as	s nece	ssary)	Examiner Name	Not Assigned	
Sheet	4	of	4	Attorney Docket Number	1905A1	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T2		
		THOMAS BACHELS, et al., "Novel Photo-Aligned LC-Polymer Wide-View Film for TN Displays", <u>Eurodisplay</u> , (2002), pgs. 183-186.			
		HUBERT SEIBERLE, CARSTEN BENECKE and THOMAS BACHELS, "Invited Paper: Photo-Aligned Anisotropic Optical Thin Films," <u>SID 03 Digest</u> , SID (2003), pgs. 1162 – 1165.			
	<u> </u>				
		-			

Examiner	Date
Signature	Considered

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English tanguage Translation is attached.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: 2873

Examiner: Jessica T. Stultz

In re Application of:

Kumar et al.

METHODS OF MAKING THE

SAME

Serial No.: 10/757,267

Filing Date: January 14, 2004

: Confirmation No: 3600

POLARIZING DEVICES AND

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop: Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicants, in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advise the United States Patent and Trademark Office ("USPTO") of the references listed on the accompanying form PTO/SB/08A (substitute for form 1449A/PTO) "Information Disclosure Statement." Copies of the cited foreign patent documents are enclosed herewith.

Applicants note that, under 37 C.F.R. § 1.97(h), the filing of this Information

Disclosure Statement "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Applicants further note that the filing of this Information Disclosure Statement is not an admission that the references cited herein constitute prior art with respect to the abovecaptioned application.

Applicants have enclosed herewith the fee according to 37 C.F.R. § 1.17(p) as required for consideration of the Information Disclosure Statement under 37 C.F.R. § 1.97(c)(2). The Commissioner is authorized to charge any additionally required fees deemed necessary for consideration of this Information Disclosure Statement to Account No. 16-2025.

Respectfully Submitted,

Linda Pingitore Reg. No. 30,414

Phone: 412.434.3704

Fax: 412.434.4292

Pittsburgh, Pennsylvania 15272 October 11, 2005

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute fo	or form 1449A/P	ΓΟ		Compl	Complete if Known		
				Application Number	10/757,267		
	•			Filing Date	01-14-2004		
	COND SUPPLE			First Named Inventor	Kumar et al.		
	RMATION DISC			Art Unit	2873		
SIA	TEMENT BY AP	PLIGA	UN I	Examiner Name	Stultz		
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(use as	s many sheets as	nece.	ssary)				
Sheet	1	of	1	Attorney Docket No.	1905A1		

		U.S.	PATENT DOCU	MENTS	
Examiner Initials*	Cite No.1	Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	İ	2005/0146680 A1	07-07-2005	Muisener et al.	
		2005/0012998 A1	01-20-2005	Kumar et al.	
		2005/0004361 A1	01-06-2005	Kumar et al	
		2005/0003107 A1	01-06-2005	Kumar et al.	
		6,245,399 B1	06-12-2001	Sahouani et al.	
		6,049,428	04-11-2000	Khan et al.	
		5,903,330	05-11-1999	Fünfschilling et al.	
		4,977,028	12-11-1990	Goepfert et al.	
		4,865,668	09-12-1989	Goepfert et al.	
		4,648,925	03-10-1987	Goepfert et al.	
		2,544,659	03-13-1951	Dreyer	
		2,481,830	09-13-1949	Dreyer	<u> </u>

	FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,		
Examiner Initials*	Cite No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶	
		WO 2005/085912 A1	09-15-	Essilor			
]		2005	International			
		WO 2005/084826 A1	09-15-	Essilor			
			2005	International			

Examiner	Date	
Signature	Considered	

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Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

PATENT APPLICATION

Anil Kumar et al.

Serial No.: 10/757,267

Group Art Unit: 1712

Filed: January 14, 2004

Examiner: Jessica Stultz

Title: POLARIZING DEVICES AND

METHODS OF MAKING THE SAME

Docket No: 1905A1

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir.

The documents listed on the attached Form PTO-1449 are brought to the attention of the United States Patent and Trademark Office with respect to the application identified above in accordance with the provisions of 37 CFR 1.56, 1.97, and 1.98. Also, documents cited in the International Search Report for the related International Application No. PCT/US2004/037516 are included. Copies of the International Search Report and the documents listed are enclosed herewith.

It is requested that the Examiner consider these documents and that it be made of record in the application.

Respectfully submitted,

LINDA PINGITORE, ESQ.

Registration No. 30,414

Telephone No. (412) 434-3704 Facsimile No. (412) 434-4292

Pittsburgh, Pennsylvania April 19, 2005

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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		Complete if Known		
Substitute for form 1449A/PTO		Application Number	10/757,267	
		Filing Date	January 14, 2004	
INFORMATION DISCLO	SURE	First Named Inventor	Anil Kumar et al.	
STATEMENT BY APPLI	CANT	Art Unit	1712	
(use as many sheets as ne	cessary)	Examiner Name	Jessica Stultz	
Sheet 1 o	f 5	Attorney Docket Number	1905A1	

		. U	S. PATENT DOC	UMENTS	
Examiner Initials*	Cite No.1	Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2,319,826	05-24-1943	Land	
		2,334,446	11-16-1943	Serrell	
		2,475,921	07-12-1949	Smith	
		3,276,316	10-04-1966	Makas	.,
		3,653,863	04-04-1972	Araujo et al.	
		4,039,254	08-02-1977	Harsch	
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		4,190,330	02-26-1980	Berreman	
		4,549,894	10-29-1985	Araujo et al.	
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		5,247,377	09-21-1993	Omeis et al.	
		5,464,669	11-07-1995	Kang et al.	
		5,608,567	03-04-1997	Grupp	
		5,644,416	07-01-1997	Morikawa et al.	
		5,943,104	08-24-1999	Moddel et al.	

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(use as many sheets as necessary)	Examiner Name	
Sheet 2 of 5	Attorney Docket Number	1905A1

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		Number - Kind Code ² (if known)				
		6,160,597	12-12-2000	Schadt et al.		
		6,284,418 B1	09-04-2001	Trantolo		
		6,334,681 B1	01-01-2002	Perrott et al.		
	1	6,369,869 B2	04-09-2002	Schadt et al.	,	
		6,717,644 B2	04-06-2004	Schadt et al.		
		US2002/0090516A1	07-11-2002	Loshak et al.		
		US2002/0180916A1	12-05-2002	Schadt et al.		

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Substitute for form 1449A/PTO			Complete if Known		
			Application Number	10757,267	
			Filing Date	January 14, 2004	
INFO	RMATION DIS	CLOSURE	First Named Inventor	Anil Kumar et al.	
STAT	EMENT BY A	PPLICANT	Art Unit	1712	
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Sheet	3	5	Attorney Docket Number	1905A1	

		FOREIG	N PATENT DO	CUMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°
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		NON PATENT LITERATURE DOCUMENTS		
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